



Reference Guide

HP Notebook Expansion Base

Document Part Number: 336449-001

August 2003

This document provides instructions on how to use the HP Notebook Expansion Base with select models of HP and Compaq notebooks.

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Getting Started

Identifying the Front Components



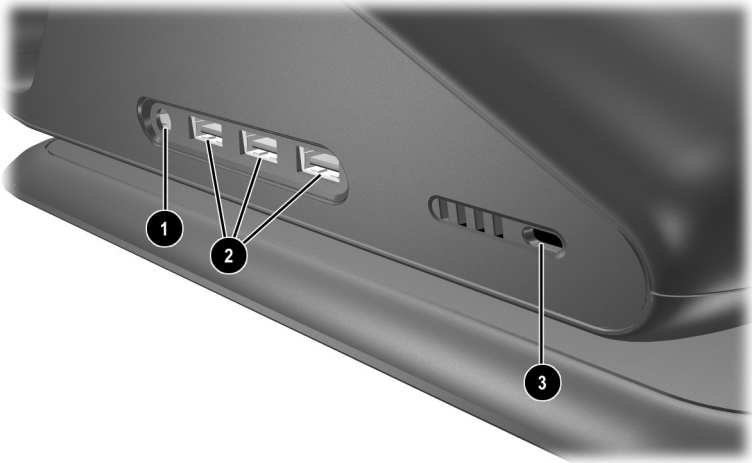
Component	Description
❶ Stereo speakers	Provide the sound from the notebook.
❷ Volume control buttons: up, down, and mute	Control the volume of the sound from the notebook.
❸ Connection indicator light	Illuminates solid blue when the notebook is connected correctly.

Identifying the Rear Components



Component	Description
❶ Expansion cable	Connects the Expansion Base to a notebook.
❷ RJ-11 jack	Connects a modem cable from the Expansion Base to a notebook.
❸ USB connectors (3)	Connect USB devices; USB 2.0 compatible.
❹ Ethernet network (RJ-45) jack	Connects a network cable from the Expansion Base to an RJ-45 wall jack.
❺ RJ-11 jack	Connects the Expansion Base to an RJ-11 telephone wall jack.
❻ S/PDIF (Sony/Philips Digital Interface) audio connector	Connects high-end digital systems such as surround sound or a home theater.
❼ TV out/Composite jack	Connects the Expansion Base to a television.
❽ TV out/S-Video jack	Connects the Expansion Base to a television.
❾ Serial connector	Connects a serial device such as a mouse.
❿ Power connector	Connects the Expansion Base to electrical power.

Identifying the Side Components



Right-side components (viewed from the front of the Expansion Base)

Component	Description
❶ Headphone jack	Connects a headphone.
❷ USB connectors (3)	Connect USB devices; USB 2.0 compatible.
❸ Kensington security slot	Connects an optional security cable.




Left-side components (viewed from the front of the Expansion Base)

Component	Description
Kensington security slot	Connects an optional security cable.

Identifying the Wireless Accessories



Component	Description
❶ Wireless Keyboard	Connects to the Expansion Base without a cable.
❷ Batteries	Batteries that are inserted in the wireless keyboard and mouse.
❸ Receiver	Allows connection between the Expansion Base and the wireless keyboard or mouse.
❹ Wireless Mouse	Connects to the Expansion Base without a cable.
 The wireless accessories may be included with the Expansion Base.	

Getting More Information

- The *Documentation Library* CD, included with the notebook, contains comprehensive information about your notebook as well as governmental agency and safety information about the use of your notebook.
- The CD, included with the Expansion Base, contains governmental agency and safety information about the use of the Expansion Base.
- The HP Web site (<http://www.hp.com>) provides product news and software updates.



WARNING: To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup, posture, and health and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located on the Web at <http://www.hp.com/ergo> and on the *Documentation Library* CD that is included with the product.

Connecting and Removing the Notebook

Connecting to AC Power



WARNING: To reduce the risk of personal injury, electric shock, fire, or damage to your equipment:

- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
 - Plug the equipment into a grounded (earthed) electrical outlet that is easily accessible at all times.
 - Disconnect power from the equipment by unplugging the power cord from the electrical outlet.
 - Do not place anything on power cords or cables. Arrange them so that no one can accidentally step on or trip over them.
 - Do not pull on a cord or cable. When unplugging a cord from the electrical outlet, grasp the cord by the plug.
-

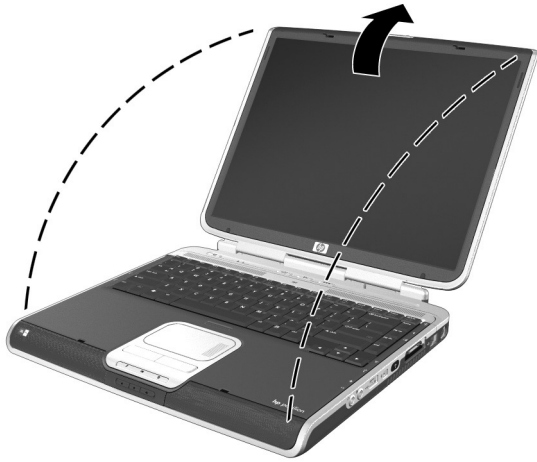
For optimal performance, connect the Expansion Base to AC power. Plug the power cable into the wall outlet.



Connecting to AC power (power cords and outlets vary by region and country)

Connecting the Notebook to the Expansion Base

1. Open the notebook.



Opening the notebook

2. Slide the notebook into the Expansion Base with the keyboard facing you.



Sliding the notebook into the Expansion Base



The notebook is held in place by a buffer pad, which prevents the notebook from shifting out of its proper position in the Expansion Base.

3. Gently pull the expansion cable from its docked location and slide it to either side of the Expansion Base, depending on where the expansion connector on your notebook is located. The location of the expansion connector on your notebook may vary by notebook series and model.

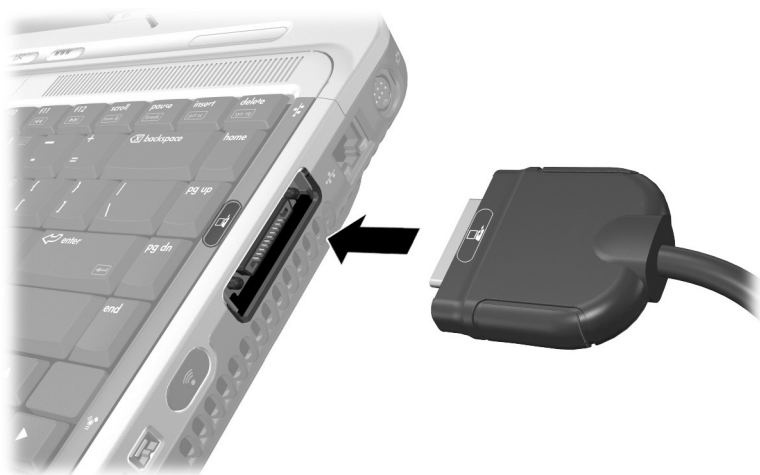


It is important to position the cable correctly, so that the cable can move freely. A cable skirt and guide assist in positioning the cable.



Sliding the cable to either side of the Expansion Base

4. Connect the expansion cable to the notebook, matching the icon on the notebook expansion connector with the icon on the end of the expansion cable.



Connecting the expansion cable to the notebook

5. For optional communication, do one of the following:

- ❑ If you are using a modem with your notebook to communicate using an analog telephone line, refer to “Using the Expansion Base” chapter, [“Using a Modem Through the Expansion Base”](#) section, for instructions on how to communicate through a modem.
- ❑ If you are connecting directly to a network, refer to the “Using the Expansion Base” chapter, [“Connecting the Expansion Base to a Network”](#) section, for instructions on how to connect to network.

6. Turn on the notebook if it is not already powered on. Refer to the “Using the Expansion Base” chapter, [“Turning the Notebook On and Off”](#) section.

Notice the ring around the volume control buttons. If the connection was made properly, the ring will be illuminated solid blue.



After the notebook is connected to the Expansion Base, the internal notebook speakers are disabled and the Expansion Base speakers are activated.

Removing the Notebook

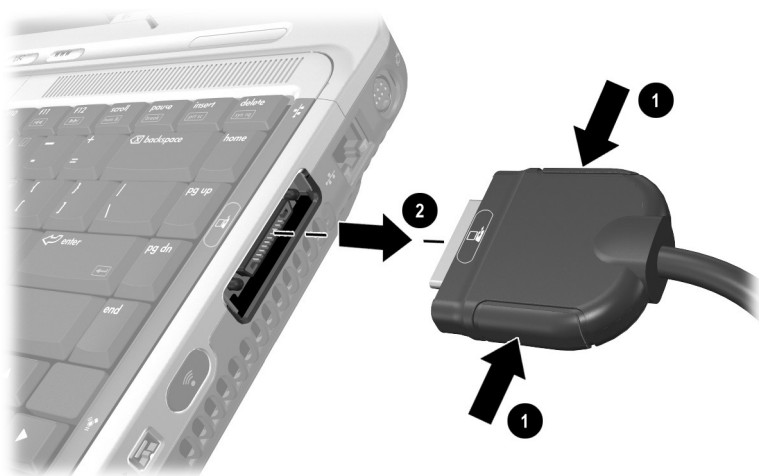


It is not necessary to turn the notebook off before removing it from the Expansion Base, although this is recommended if your operating system is Windows 2000 or earlier.

1. Press the buttons on the end of the expansion cable **1** to disconnect the cable from the notebook **2**.

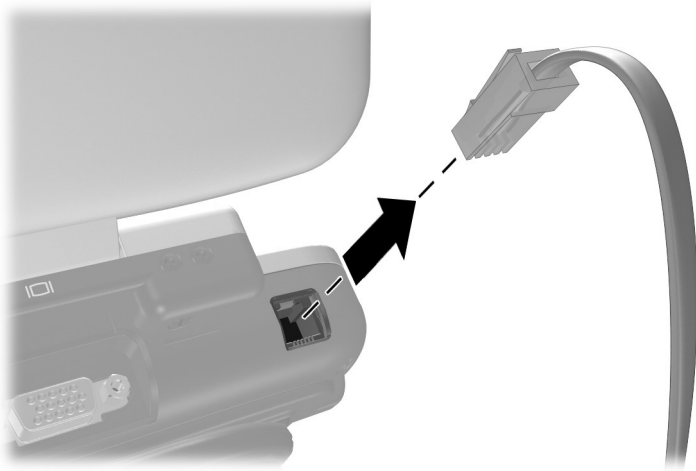


The location of the expansion connector on the notebook may vary by notebook series and model.



Disconnecting the expansion cable

2. Disconnect the modem cable from the RJ-11 jack on the notebook, if connected. You may leave the other end of the cable connected to the Expansion Base for future use.



Disconnecting the modem cable from the RJ-11 jack on the notebook

3. Slide the notebook up and out of the Expansion Base.

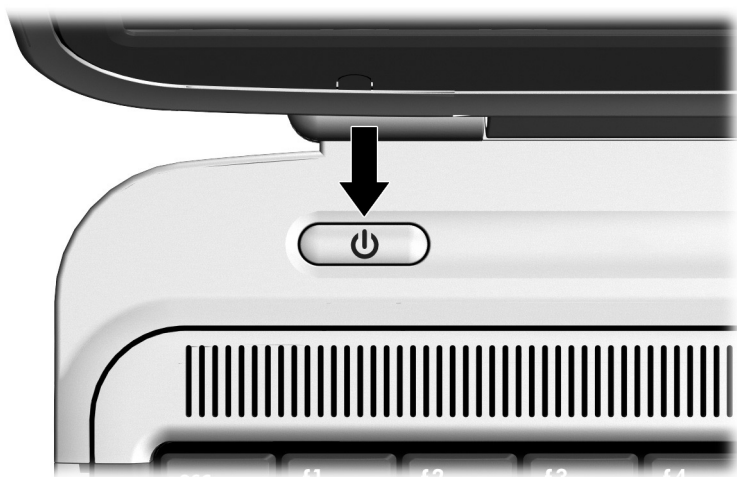


Sliding the notebook up and out of the Expansion Base

Using the Expansion Base

Turning the Notebook On and Off

When the notebook is connected to the Expansion Base, turn the system on and off using the power button on the notebook.



Locating the power button on the notebook



The power button location on the notebook may vary by notebook series and model.

Following Expansion Base Guidelines

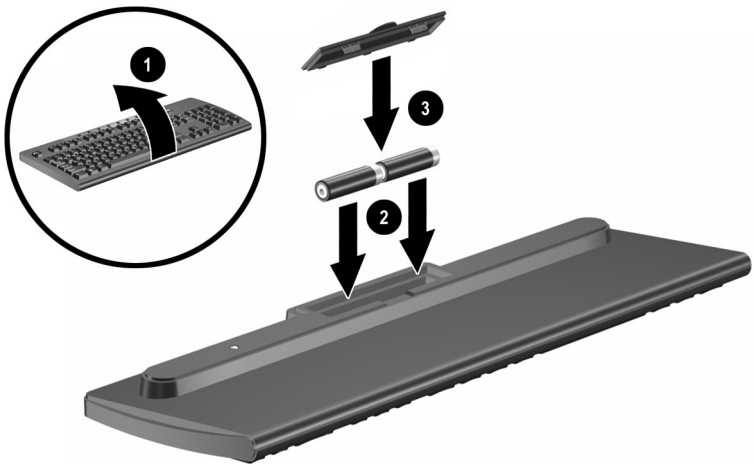
- **Operating Systems**—For optimal performance, use the Expansion Base with HP or Compaq notebooks running Microsoft Windows XP.
- **Power**—For best performance, use the Expansion Base while connected to electrical power. This allows the notebook battery to remain charged while the notebook is connected to the Expansion Base.
- **Connecting and Removing**
 - The notebook can be powered on or off when connecting it to and removing it from the Expansion Base. The blue indicator light on the Expansion Base shows a successful connection and will not illuminate until the notebook is powered on.
 - With Windows 2000, Windows 98, Windows 95, and Windows NT:
 - ◆ Turn off the notebook before connecting it to and removing it from the Expansion Base.
 - ◆ When restoring power to the system, first connect the notebook to the Expansion Base, then turn the notebook on.
- **External Devices**—When the notebook is connected to the Expansion Base, you may attach external devices to the connectors on the rear panel of the Expansion Base or to the connectors on the notebook.

Using the Wireless Keyboard and Mouse



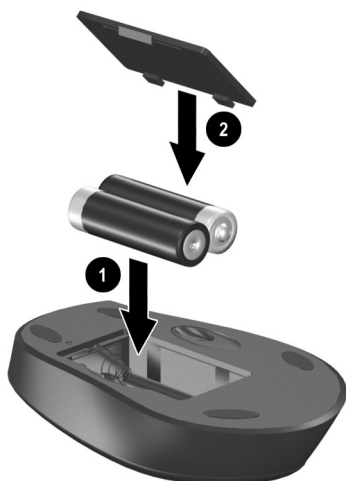
For more information, refer to the *HP Wireless Keyboard and Mouse Quick Setup* poster.

1. Turn the wireless keyboard upside down to locate the battery cover ❶.
2. Remove the battery cover, then insert the batteries into the battery slot ❷.
3. Replace the battery cover ❸.



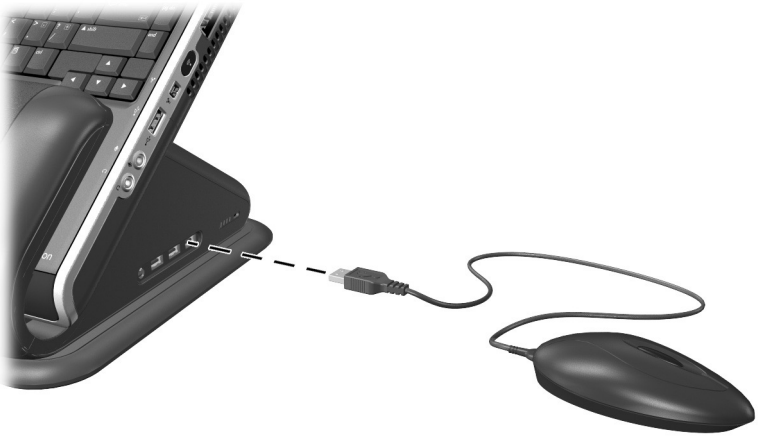
Inserting the batteries into the wireless keyboard

4. Turn the mouse upside down to locate the battery cover.
5. Remove the battery cover, then insert the batteries into the mouse ❶.
6. Replace the battery cover ❷.



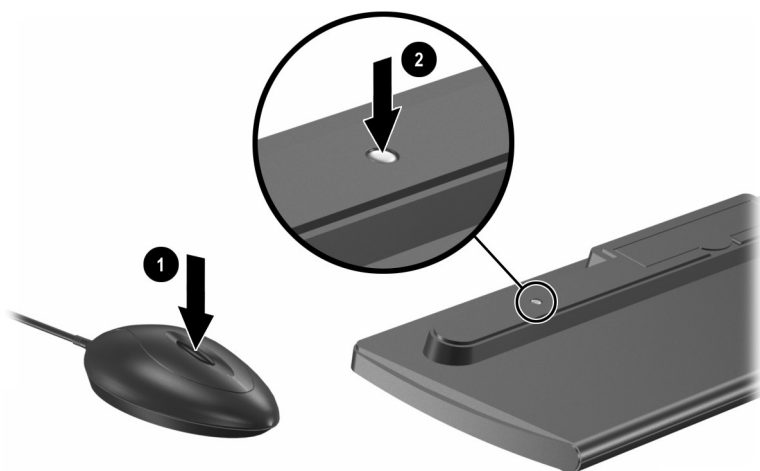
Inserting the batteries into the wireless mouse

7. Connect the wireless receiver to a USB port on the Expansion base.



Connecting the wireless receiver to the Expansion Base

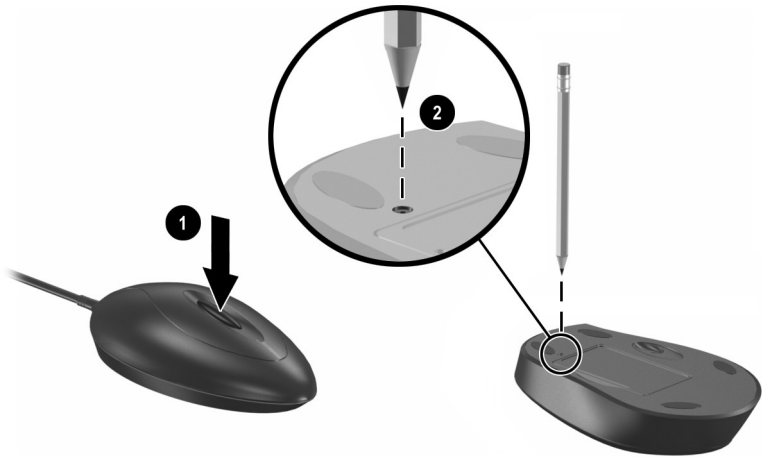
8. Press the connect button on the receiver ❶.
9. While the button is flashing, press the connect button on the bottom of the keyboard ❷.



Pressing the buttons on the wireless keyboard and receiver

10. Turn the keyboard right side up.

11. If you are using the wireless mouse also, press the connect button on the receiver again ❶.
12. While the button on the receiver is flashing, press the connect button on the bottom of the mouse ❷, using a pointed object such as a pencil tip.



Pressing the buttons on the wireless mouse and receiver

Your wireless keyboard and mouse will now operate while a notebook is connected to the Expansion Base.



To customize the Quick Launch buttons on the wireless keyboard, refer to the instructions in your notebook documentation.

Connecting the Expansion Base to a Television

You can connect the Expansion Base to a television and use the television as an external monitor. The Expansion Base provides two television-out ports on the rear panel: composite and S-Video. Refer to the manual that came with your television to determine what type of connection you have on your television.

1. Plug the appropriate cable into the connector on the back of your television.
2. Plug the other end of the cable into the appropriate connector on the back of the Expansion Base.



Connecting the Expansion Base to a television

Refer to the instructions provided for your notebook to configure the television monitor as the primary display.

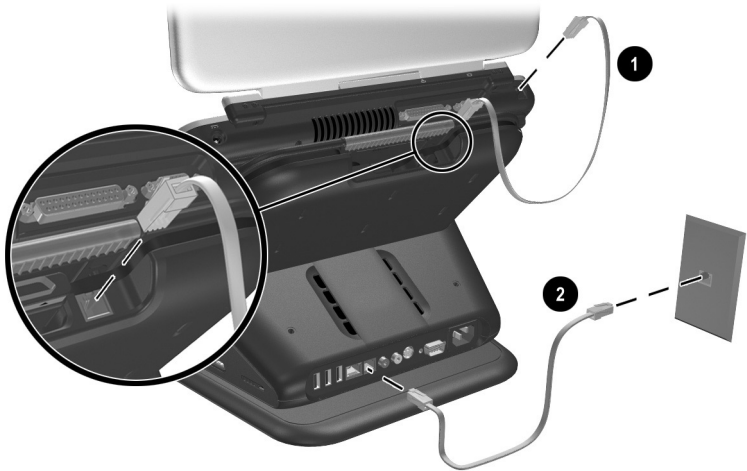
Using a Modem Through the Expansion Base

You can connect your notebook through the Expansion Base to your analog telephone line for dial-up communication. This requires the RJ-11 modem cables that came with your Expansion Base.

1. Plug one end of one of the modem cables into the RJ-11 jack on the notebook. Plug the other end of the cable into the RJ-11 jack on the upper rear panel of the Expansion Base ❶.
2. Plug one end of the other RJ-11 cable into the RJ-11 jack on the lower rear panel of the Expansion Base. Plug the other end of the cable into the RJ-11 wall jack ❷.



A country-specific modem adapter also may be required in addition to the RJ-11 cable connected to the RJ-11 wall jack.



Connecting a modem through the Expansion Base

Connecting the Expansion Base to a Network

You can connect your notebook through the Expansion Base to a network. This requires an RJ-45 network cable (purchased separately).

1. If you haven't already done so, connect the Expansion Base to your notebook following the instructions in the [“Connecting and Removing the Notebook”](#) chapter in this guide.
2. Connect one end of the network cable to the RJ-45 jack on the Expansion Base and the other end to the RJ-45 wall jack.



Use the RJ-45 connector on the Expansion Base instead of the one on the notebook. The RJ-45 connector on some notebooks may be disabled when the notebook is installed in the Expansion Base.

An RJ-11 modem cable between the notebook and Expansion Base is not required if connecting directly to a network.

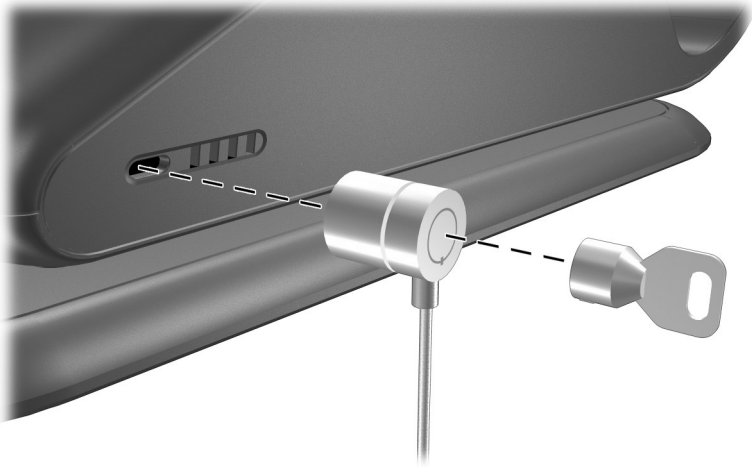
Using the Security Cable Locks



The purpose of security solutions is to act as a deterrent. These solutions do not prevent the product from being mishandled or stolen.

1. With the notebook positioned in the Expansion Base, loop the security cable (purchased separately) around a secure object; then insert the lock into the security cable slot on the Expansion Base.

2. Insert the key into the lock and turn the key to secure the Expansion Base and notebook.



Securing the Expansion Base and notebook



Two security slots are provided, one on each side of the Expansion Base.

Troubleshooting

Using the World Wide Web

Support services are available on the Internet through HP technical support. You can either browse the postings as a guest, or register as a user and submit your own questions. HP makes every attempt to respond to questions in a timely manner.

To access HP technical support, visit the HP Web site at <http://www.hp.com>.

Preparing to Call Technical Support

If you cannot solve a problem using the troubleshooting tips in this section, you may need to call technical support.

When you call technical support, have the following information available:

- The notebook and Expansion Base
- Serial numbers for the notebook and Expansion Base
- Purchase dates on invoices
- Conditions under which the problem occurred
- Error messages that have occurred
- Hardware configuration of the notebook
- Hardware and software you are using
- Type of printer connected, if applicable
- Configuration settings, including contents of the system files

Solving Common Problems

The following tables list possible problems, the possible cause of each problem, and the recommended solutions.

Connection Problems and Solutions

Problem	Possible Cause	Solution
The notebook is not properly connected to the Expansion Base.	The expansion cable on the Expansion Base is not fully connected to the expansion connector on the notebook.	Unplug the expansion cable from the notebook; then plug the cable back into the notebook.

Removal Problems and Solutions

Problem	Possible Cause	Solution
The blue indicator light does not illuminate.	The notebook is not powered on.	Turn on the notebook.
	The Expansion Base is not plugged into AC power.	Plug the Expansion Base into an AC power outlet.
	The expansion cable on the Expansion Base is not connected to the expansion connector on the notebook.	Connect the expansion cable to the expansion connector.
	The notebook is in suspend/hibernate mode.	Remove the notebook from suspend or hibernate mode.
The speakers have little or no volume.	The Expansion Base speakers are muted or the volume is set too low.	Adjust the volume buttons.
The notebook shuts down.	The Expansion Base is not plugged into an AC power outlet, draining the notebook battery pack.	Plug the Expansion Base into an AC power outlet.
The wireless keyboard or mouse does not work.	The receiver is not plugged into an available USB port.	Plug the receiver into a USB port.
	The receiver and keyboard or mouse have not been synchronized.	Synchronize the devices by pressing the appropriate buttons. Refer to the “Using the Expansion Base” chapter, “Using the Wireless Keyboard and Mouse” section for more information.
	The keyboard or mouse has no battery power.	Make sure that batteries are inserted correctly in the keyboard or mouse and that the batteries are functional.